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NOTICE OF ALLOWANCE AND FEE(S) DUE

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07/26/2007 ·

WENDEROTH, LIND & PONACK, L.L.P. 2033 K STREET N. W. SUITE 800 WASHINGTON, DC 20006-1021

EXAM	MINER				
DUONG, THO V					
ART UNIT	PAPER NUMBER				
3744	-				

DATE MAILED: 07/26/2007

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/581.031	05/30/2006	Akio Iwasa	'2006_0810A	5998

TITLE OF INVENTION: HEAT EXCHANGER

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	10/26/2007

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A: If the status is the same, pay the TOTAL FEE(S) DUE shown above.

If the status above is to be removed, check box 5b on Part B - fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

MPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of paraintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

appropriate. All further indicated unless correcte maintenance fee notifical	ed below or directed oth	ng the Patent, advance of herwise in Block 1, by (a	a) specifying a new corre	spondence address;	and/or	(b) indicating a separ	correspondence address as rate "FEE ADDRESS" for
CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)			Fee	(s) Transmittal. This	certif	icate cannot be used for	domestic mailings of the rany other accompanying t or formal drawing, must
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2033 K STREET SUITE 800		CK, L.L.P.	I ho Sta add trar	creby certify that this	s Fee(s	of Mailing or Transn 3) Transmittal is being ficient postage for first ISSUE FEE address a 1) 273-2885, on the da	deposited with the United class mail in an envelope above, or being facsimile te indicated below.
- WASHINGTON	I, DC 20006-1021						(Depositor's name)
		•					(Signature)
70							(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR	T	ATTO	RNEY DOCKET NO.	CONFIRMATION NO.
10/581,031	05/30/2006		Akio Iwasa			`2006_0810A	5998
TITLE OF INVENTION			Timo Twasa			2000_0010/1	3776
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nonprovisional	NO ·	\$1400	\$300	\$0		\$1700	10/26/2007
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ASSIGNEE NAME A	ND RESIDENCE DATA	TO BE PRINTED ON	THE PATENT (print or ty	pe)			
PLEASE NOTE: Unl	ess an assignee is identi	fied below, no assignee	data will appear on the p	atent. If an assigne	e is id	entified below, the do	cument has been filed for
(A) NAME OF ASSIC			(B) RESIDENCE: (CIT)	-			
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Please check the appropri	ate assignee category or	categories (will not be pr	rinted on the patent):	Individual 🗖 Cor	porati	on or other private grou	p entity Government
4a. The following fee(s) a	are submitted:	41	o. Payment of Fee(s): (Ples	ase first reapply an	y prev	iously paid issue fee s	hown above)
Issue Fee			A check is enclosed.				
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5. Change in Entity Stat			.			-	
	s SMALL ENTITY statu		b. Applicant is no lon	ger claiming SMAL	L ENT	TTY status. See 37 CF	R 1.27(g)(2).
interest as shown by the r	ecords of the United Sta	tes Patent and Trademark	Office.	the applicant; a regis	terea a	morney or agent; or the	assignee or other party in
Authorized Signature				Date			
Typed or printed name	·			Registration No)		
This collection of information application. Confident submitting the completed this form and/or suggestion 1450, Alexandria, Virginia 223	ation is required by 37 C iality is governed by 35 application form to the ons for reducing this buringinia 22313-1450. DO 13-1450	FR 1.311. The informatic U.S.C. 122 and 37 CFR USPTO. Time will vary den, should be sent to the NOT SEND FEES OR (on is required to obtain or 1.14. This collection is es depending upon the indivention office COMPLETED FORMS TO	retain a benefit by th timated to take 12 m vidual case. Any con er, U.S. Patent and T O THIS ADDRESS.	e publinutes nments radem SENI	ic which is to file (and to complete, including s on the amount of tim ark Office, U.S. Depar D TO: Commissioner for	by the USPTO to process) gathering, preparing, and e you require to complete tment of Commerce, P.O. or Patents, P.O. Box 1450;

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2033 K STREET	N. W.		ART UNIT	PAPER NUMBER		
SUITE 800 WASHINGTON,	DC 20006-1021		3744 DATE MAILED: 07/26/200	7		

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.